ADVISOR:
A Brief Overview of the DOE HEV Simulator

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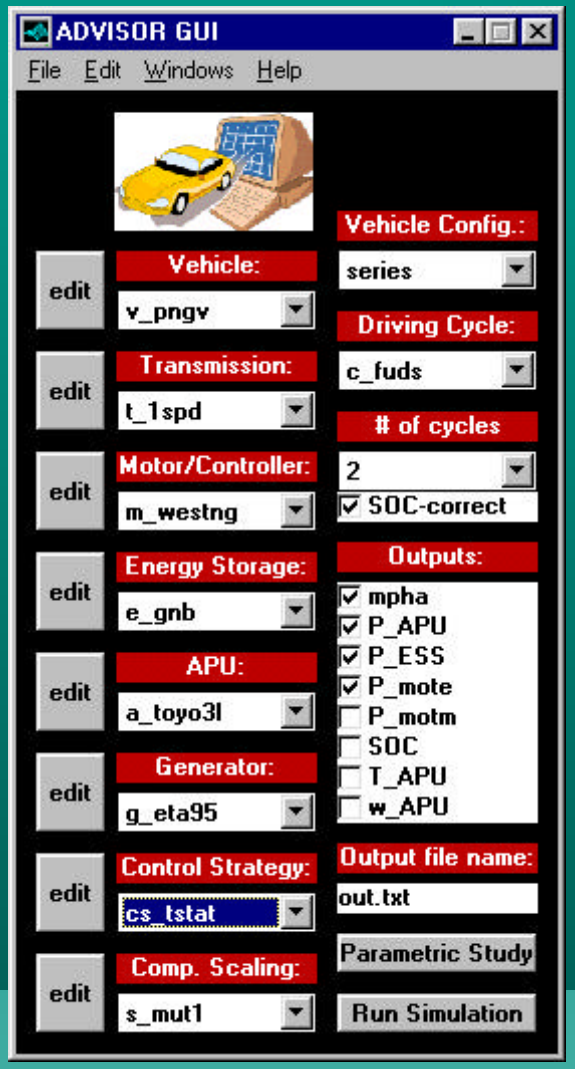
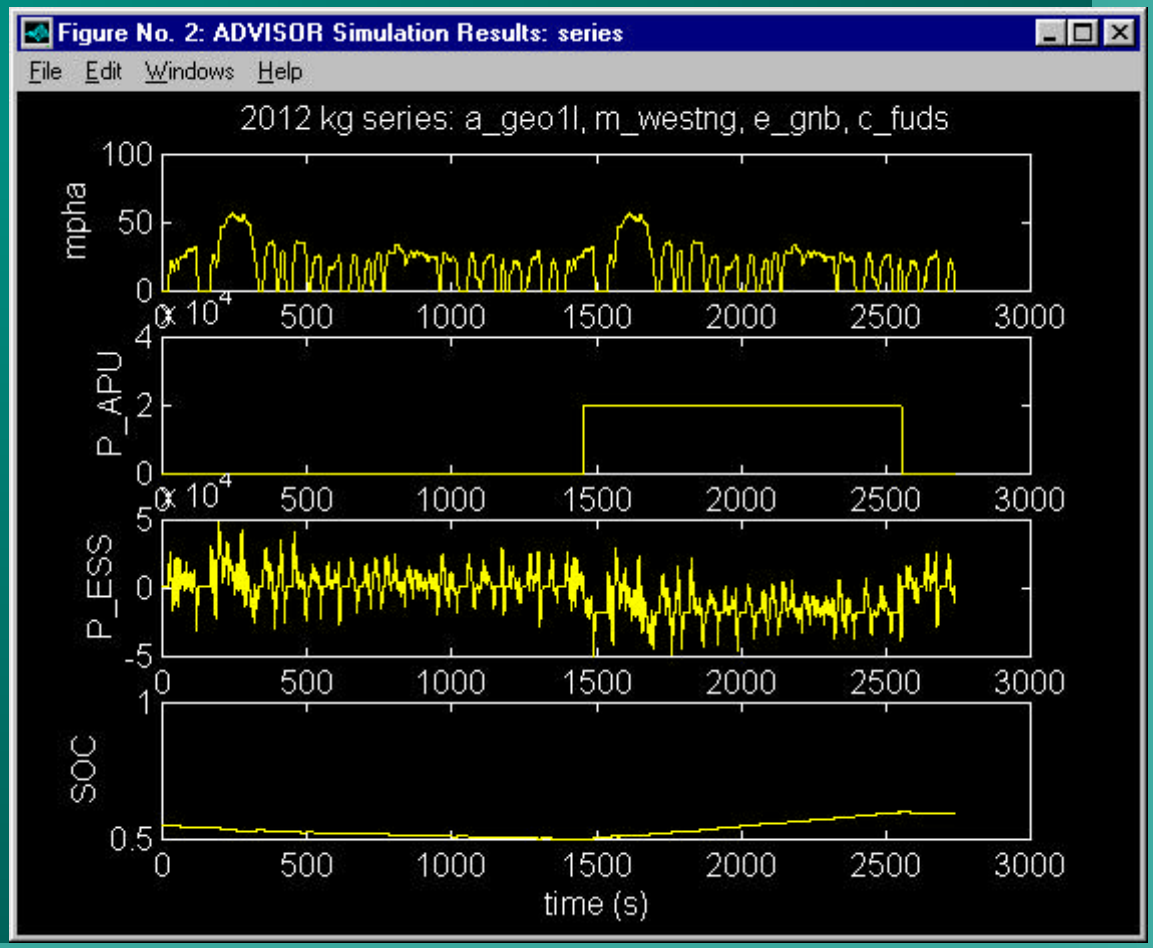
Overview of ADVISOR

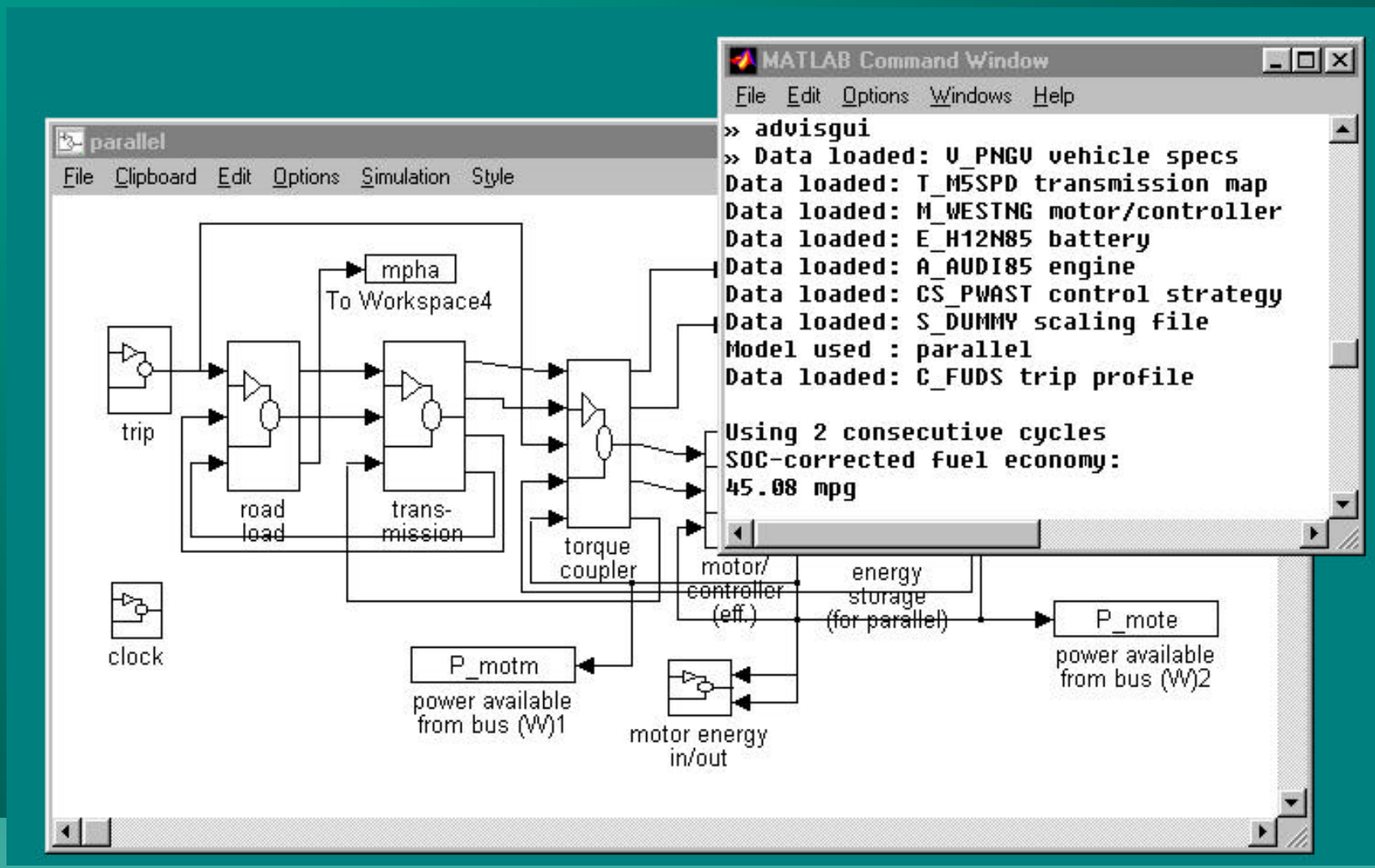
- ADVISOR created in Nov., 1994 to support DOE Hybrid Program at NREL
- Programmed in MATLAB/Simulink environment
  - allows ultimate flexibility in modeling new vehicles and control strategies
- Currently used by over 20 organizations
- Continuously fed up-to-date component test data through users and university validation efforts
- ADVISOR training held at DOE March 13-14, 1997
- Part of a larger systems analysis effort from NREL and DOE
- Plans to integrate ADVISOR into PNGV Systems Analysis Toolkit

Graphical User Interface

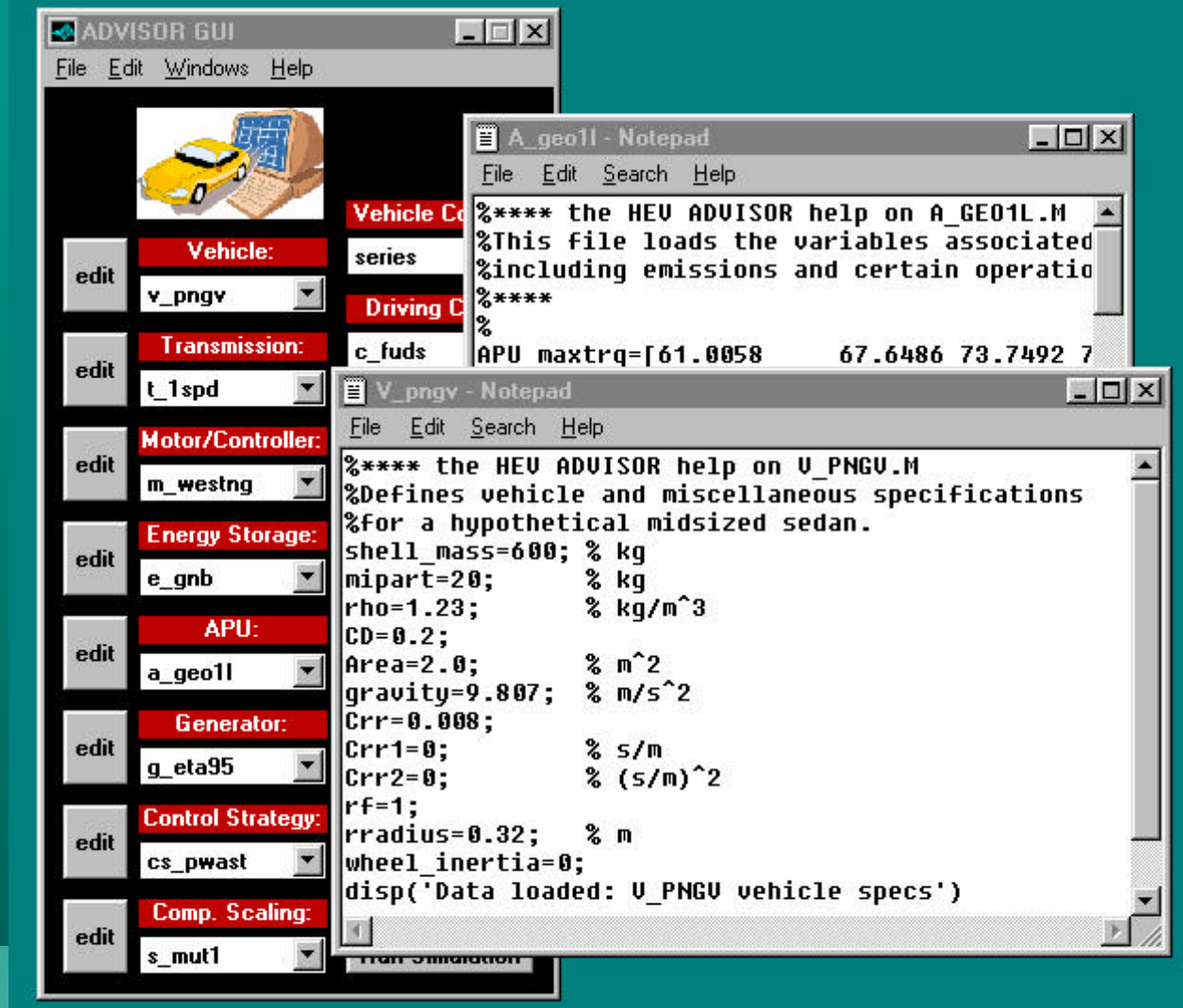




Written in the graphical, object-oriented language of MATLAB/Simulink



Easy to Modify Component/Vehicle Data



Can Be Used to Quickly Analyze Competition
(such as Japanese 10-15 mode cycle shown here)